



Dr. Shaikh Muktar Fakir

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Educational Qualification

Exam	Subject	Year of Passing	% of Marks	University
B.Sc.	Chemistry	April-1989	67	Pune
M.Sc.	Physical Chemistry	May-1991	60	Pune
SET	Chemistry	Nov-1995	Pune
Ph.D.	Chemistry	July-2010	Dr. BAMU, Aurangabad

Awards / Recognition

- 1) Awarded **Ph.D.** degree in Chemistry by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, dated 02-07-2010.

Title: - "Thermodynamics & Physicochemical Properties of Some Non-electrolytes in Binary Solvent System".

- 2) **Vidyaratna** Award of 2010 from Indian NET/ SET Association (**INSA**) at Buldhana.

- 3) Recognized **P.G. teacher** of SPPU Pune from 17/03/2010 to the date of Superannuation.
- 4) Recognized as a **Ph.D. research guide** of SPPU Pune.
- 5) Selected as a **Professor on 12/01/2021**
- 6) Received a '**Excellent Teacher Award**' on 21/05/2022 by **Lokmat**
- 7) Elected as a member of BOS (Chemistry) at SPPU, Pune on January 2022
- 8) Elected as a member of Examination under 48(3)a at SPPU, Pune on July 2023

Refresher/Orientation Programme/ Short Term Course:

Sr. No.	Refresher/Orientation	Name of Institute	Period	Subject
01	Orientation	Academic Staff College, University of Pune, Pune-7	4-10-1998 To 31-10-1998	General
02	Refresher	Department of Chemistry University of Pune, Pune-7	24-11-1998 To 21-12-1998	Chemistry
03	Refresher	K.T.H.M. College, Nashik	17-11-2004 To 07-12-2004	Chemistry
04	Refresher	New Arts Comm. & Science College, Ahmednagar	06-03-2006 To 26-03-06	Environment
05	Short Term Course	Pemraj Sarda College Ahmednagar	19-05-2014 To 25-05-2014	Chemistry
06	Faculty Development Programme	Ramanujan College, University of Delhi	02/07/2020 To 17/07/2020	Advanced Concepts for developing MOOCS
07	Orientation	ETI Center Ahmednagar College , Ahmednagar	18/07/2022 To 24/07/2022	NSS Training

Research Project Completed

01

Title of the Minor Research Project completed **“Kinetics of study of some electrolytes and non-electrolytes in binary solvent system”**.

Duration : 1/28/2008 to 1/27/2010

Total grant allocated : Rs. 200000/-

No. of Books Published

Sr. No.	Title	Year	Place	Publisher	ISBN	Web Address
1	Physical and Analytical Chemistry CH-221 Sem II	2014	Jalgaon	Prashant Publication	978-93-85019 - 11-1	www.prashantpublication.com
2	Practical Chemistry for S.Y.B.Sc.	2014	Jalgaon	Prashant Publication	978-93-84228-54-5	www.prashantpublication.com
3	Physical and Analytical Chemistry CH-221 Sem I	2014	Jalgaon	Prashant Publication	978-93-84228-52-1	www.prashantpublication.com
4	Upcoming Trends in Chemical Sciences	2013	Amrawati	Nabh Prakashan, Amrawati	978-81-905776-99-9	www.shrianandcollege.org
5.	Physical Chemistry CH -101	2019	Jalgaon	Prashant Publication	978-93-88769-92-1	www.prashantpublication.com

Paper Publication

1. **Muktar Shaikh**, Mohd. shafiq, Mazahar Farooqui, “Density and Viscosity Studies of Paracetamol in Ethanol+ water System at 301.5 K”, Journal of Advanced Scientific Research, 2 (2011) 21-26.
2. **Muktar Shaikh**, Mohd. shafiq, B.R. Agrawal, Mazahar Farooqui, “Density viscosity and activation parameters of Cetrinide in Ethanol + water system at 301.5 K”, Rasayan J. Chem, 4 (2011) 172-179.
3. Mazahar Farooqui, **Muktar Shaikh**, “Density and Viscosity studies of Aspirin in aqueous ethanol at 301.5 K”, Physical Chemistry an Indian Journal, 2 (2011).
4. Mohd. shafiq, **Muktar Shaikh**, Mohd. Asif, Mazahar Farooqui, “Study of conductance of metal salts in binary solvent system at 25°C and in absence and presence of 3 pharmaceutical drugs.”An international Journal of Advances in pharmaceutical sciences. July, 2011.
5. I. Shaikh, **M.F. Shaikh**, S. Abed, S. Pawar, Antitubercular Evaluations of Pyrazolyl Bis Indolyl Methane Synthesized by Using Novel Clay Catalyst, ‘Res. J.’ Int. E-Res., 166 (2019), 108-114.[ISSN Print: 2348-7143]. (Impact factor: 0.767).
6. I. Shaikh, **M. F. Shaikh**, M. Farooqui, S. Abed, Application of Novel Clay catalyst for the Synthesis of bis-indole derivatives from 2-phenyl-1-H- indole, Int. J. Ultra Chem. 13(2) (2017) 25-29. [ISSN:2319-8036] (Impact factor: 2.29)
7. I. Shaikh, S. Pawar, **M. F. Shaikh**, S. Abed, A Novel Clay Catalyst: N-Acylation of Aniline, J. Chem. and physical res. 8 (5) (2016), 725-729. [ISSN Print: 0975-7384]
8. I. Shaikh, S. Pawar, **M.F. Shaikh**, S. Abed, Synthesis of bisindole using novel clay catalyst, Res. J. Pharma. Biol. & Chem. Sci., 7(4) (2016) 2932-2938. [ISSN Print: ISSN:0975-8585] (Impact factor: 0.35)
9. R.R. Bhosale, S.R. Pujari, G.G. Muley, S.H. Patil, K.R. Patil, M.F. Shaikh, **A.B. Gambire***, “Solar photocatalytic degradation of methylene blue using doped TiO₂ nanoparticles”, Solar Energy, 103 (2014) 473-479.
10. Anil Gambhire, **M.F. Shaikh**, B.Y. Pagare, S.K. Narwade, Gajanan Muley Photocatalytic degradation of phenol under visible light using doped-TiO₂ nanoparticles, Journal of Advances in Science and Technology, Vol 14(1), (2014) 78- 80, ISSN: 0971 – 956
11. **Muktar Shaikh**, Jayshree k. Khedkar, Binding of Methyl Viologen and its radical to p-Sulphonatocalix [4] arene, Asian Journal of Chemistry, Vol. 32 No 6 (2020), 1297-1302

Paper Presented in Seminar and conference

- 1) "Seminar on Chemical Sciences research and innovation in Marathwada region" organized by ACTRA, Aurangabad on 31-07-2009.
- 2) Regional Conference PUNE UNIVERSITY College teachers INNOVATION at K.T.H.M. College, Nashik on 24-25 Nov.2009
- 3) National Conference on research in Chemical Science organized by Department of Chemistry Milliya Arts Comm & Science College, Beed during 1-2 Feb 2011.

College/University Work / Duties:

Name of Committee	Performed As a..
Local Inquiry Committee	Member
Squad	Member
Practical Examination	Coordinator
NAAC	Coordinator (1998 to 2004)
Ph.D. Viva	Referee (Subject Expert)
NSS	Programme Officer
QIP	Coordinator
LMC	Teacher Member
T.Y. B.Sc. Paper Setter	Member
CAS	Subject Expert (V. C. Nominee)

Seminars, Workshops, Conferences and Symposia Attended/ Participated

Sr. No.	Name of Course	Organizing College	Duration
01	Workshop	New Arts Comm. and Science College, Ahmednagar.	26-05-07 To 05-06-07
02	Workshop	New Arts Comm. and Science College, Akole, Dist: - Ahmednagar.	13-02-07
03	Seminar	Analytical Chemistry Teachers Research Association, Aurangabad.	31-07-2009

04	Seminar	Radhabai kale Mahila Mahavidyalaya, Ahmednagar.	28-01-2010 To 29-01-2010
05	Seminar	Milia College, Beed.	01-02-2011 To 02-02-2011
06	Seminar	Dada Patil Rajale College, Adinathnagar Tal- Pathardi	11-02-2011 To 12-02-2011

Seminars, Workshops, Conferences and Symposia Attended/ Participated

Sr. No.	Seminar/Conference/ Workshop	Participation	Details
07	Conference	Attended	Three days International conference on " Herbal and Synthetic Drugs (HSDS-2014) !0 to 13th Feb. 2014 at Abeda Inamdar Senior College of Arts, Comm & Science College, Pune
08	Conference	Attended	Two days National Conference on " Nano materials: Applications and Properties", 22-23 Feb 2013 at Arts Comm and Science College, Sonai Tal: Newasa, Dist: Ahmednagar
09	Conference	Attended	Two days National Conference on " Role of Green Chemistry in an Environmental Pollution", 21-22 Dec. 2012 at Anandrao Dhonde Aliyas Babaji Arts Comm and Science College Kada, Tal: Ashti, Dist : Beed
10	Conference	Attended	Two days National Conference on " Material Science & Technology (NCMST-2014)",23-24 Dec 2014 at Milliya Arts, Science and Management Science College Beed.
11	Conference	Attended	Three-day National level Conference on 'Reforms in Higher Education: Challenges & Opportunities' Dated: 18-20 Dec. 2017 at Shirdi (M.S.)
12	Conference	Attended	Two-day National Conference on 'Bioinspired Materials in Science' Dated: 19-20 Jan. 2018 at New Arts Com. & Science College Ahmednagar (M.S.)
13	Conference	Attended	Two days Conference on " Interdisciplinary Approaches in Biochemical Sciences", 19th and

			20th Dec. 2014 at Radhabai Kale Mahila Mahaviyalaya, Ahmednagar. Dist- Ahmednagar.
14	Conference	Attended	Two days national seminar on "Recent Trends in Chemical Sciences" 21-22 Dec. 2017 at Dada Patil Rajale College, Adinathnagar, Tal- Pathardi, Dist- Ahmednagar.
15	Seminar	Attended	One day Seminar on " Restructuring of F.Y. B.Sc. Chemistry Syllabus", 4 Mar. 2002, at Shri Chhatrapati Shivaji Mahavidyalaya, Shrigonda Dist: Ahmednagar.
16	Seminar	Attended	Two days State level Seminar on "Recent Trends In Synthetic Organic Chemistry, 11-12 Feb 2011 at Dada Patil Rajale College Adinathnagar, Tal Pathardi Dist: Ahmednagar
17	Seminar	Attended	Two days National Seminar on " Kinetic and Mechanic Studies of Chemical and Bio-chemical Transformations" , 26-27 Feb 2005 at Department of Chemistry, Dr, BAMU, Aurangabad.
18	Seminar	Attended	One day Seminar on " NAAC: An Experience with writing a Qualitative Self Study Report" , 15 Mar. 2003 at Arts Comm and Science College, Sonai Tal : Newasa, Dist : Ahmednagar
19	Seminar	Attended	Two days State level Seminar on "Recent Advances in Spectroscopy and its Applications" , 4-5 Feb 2010 at New Arts Comm and Science College , Shevgaon Dist:Ahmednagar
20	Seminar	Attended	One day Seminar On "Chemical Sciences: Research and Innovations in Marathwada region" , 31st July 2009 at Aurangabad
21	Seminar	Attended	Two Days Seminar on Advanced Reaction Mechanism in Organic Chemistry, 16-17 Feb.2012 at New Arts Comm and Science College , Dist:Ahmednagar
22	Seminar	Attended	"Role of IQAC in quality improvement and maintenance in higher education on 22/01/2016
23	Conference	Attended	National Conference on Recent Trends in Chemical Sciences on 21/12/2017

24	Seminar	Attended	National seminar on “Green Approach in Organic Synthesis” ,26 th and 27 th Dec. 2018, at Shri Chatrapati Shivaji College Shrigonda.
25	Workshop	Attended	Two days National Online Workshop on “Google Apps for education and Moodle “by Rajaram College Kolhapur on 02-03 July 2020



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